

## ABSTRACT OF THE DISCLOSURE

A method and apparatus for plating substrates, wherein the apparatus includes a central substrate transfer enclosure having at least one substrate transfer robot positioned therein. A substrate activation chamber in communication with the central substrate transfer enclosure is provided and is accessible to the at least one substrate transfer robot. A substrate plating chamber in communication with the central substrate transfer enclosure is provided and is accessible to the at least one substrate transfer robot. A substrate spin rinse dry chamber in communication with the central substrate transfer enclosure is provided and is accessible to the at least one substrate transfer robot, and an annealing chamber in communication with the central substrate transfer enclosure is provided and is accessible to the at least one substrate transfer robot. At least one substrate pod loader in communication with the substrate transfer chamber and accessible to the at least one substrate transfer robot is also provided.

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